

FIG. 1

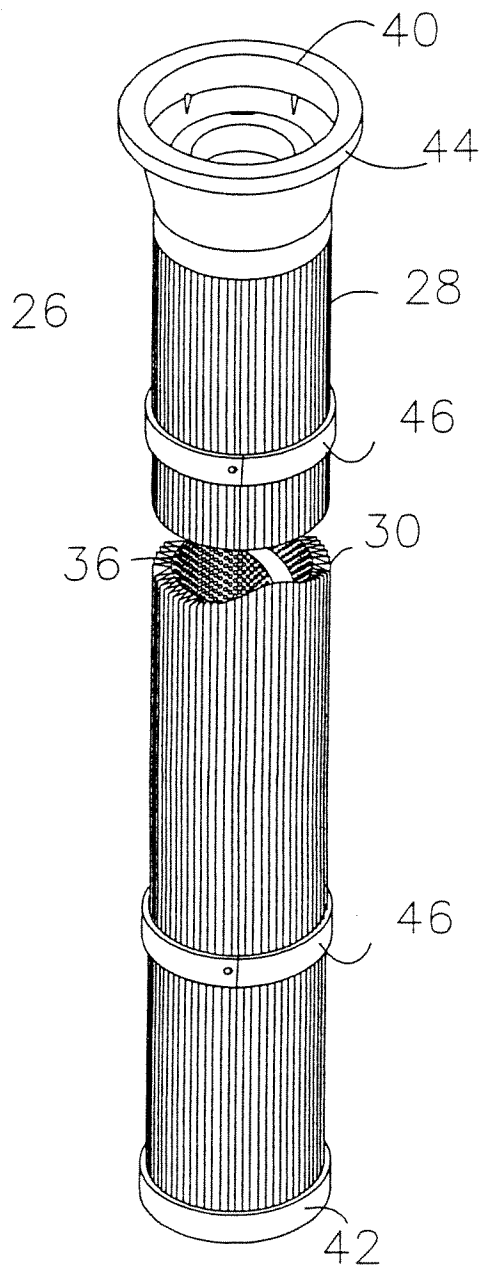


FIG. 2

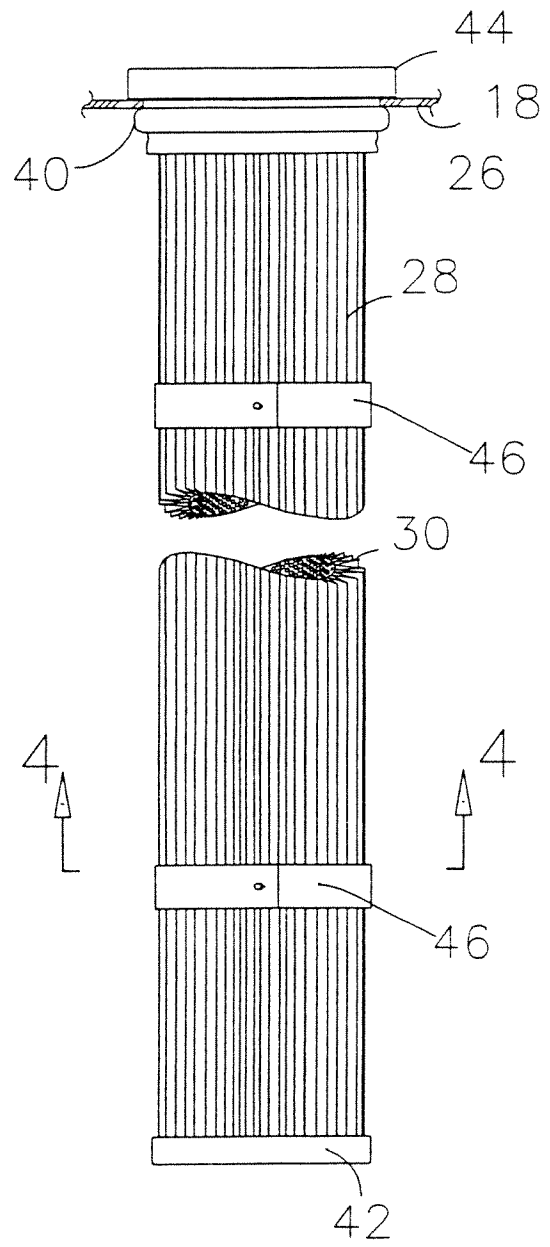


FIG. 3

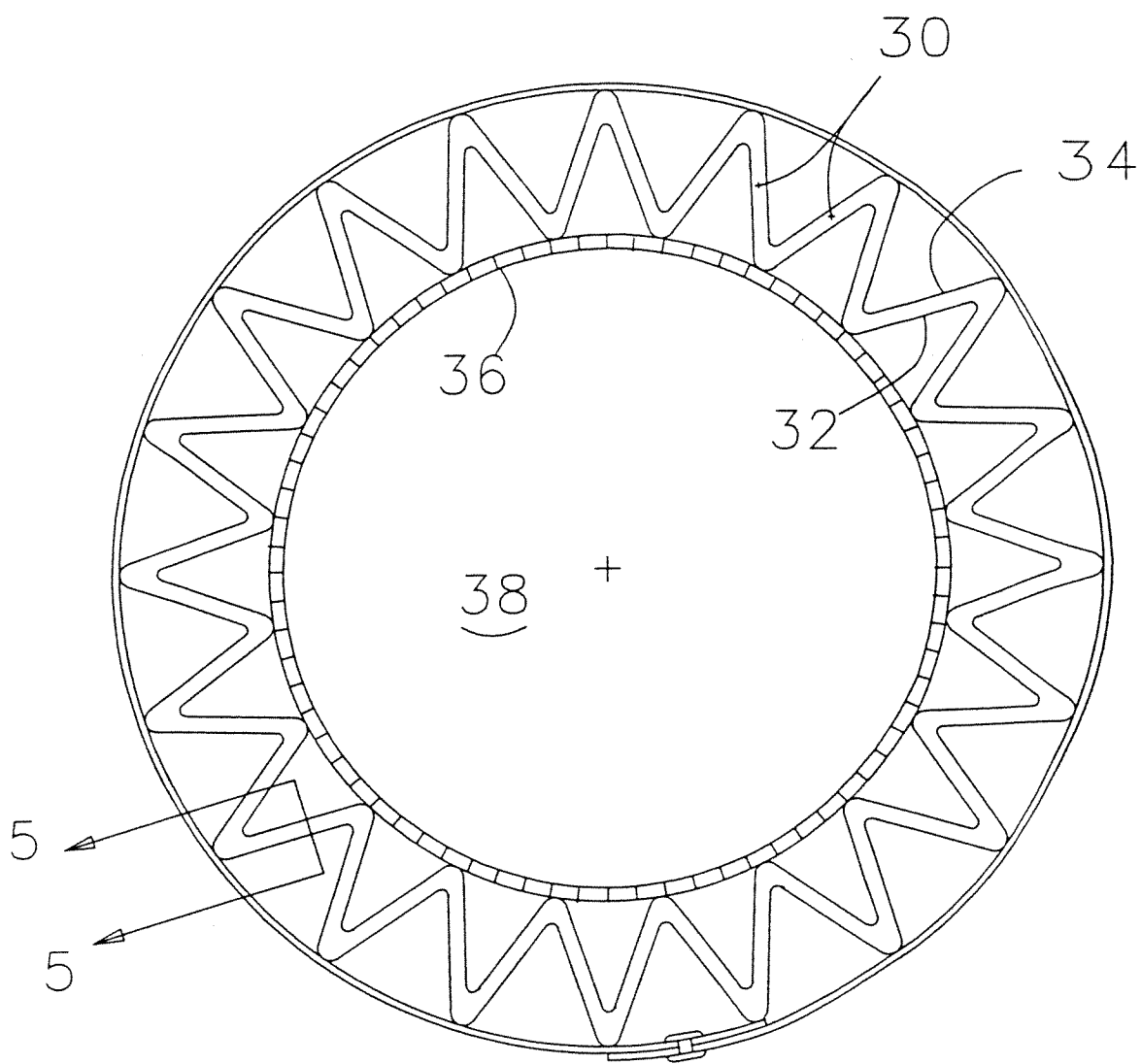


FIG. 4



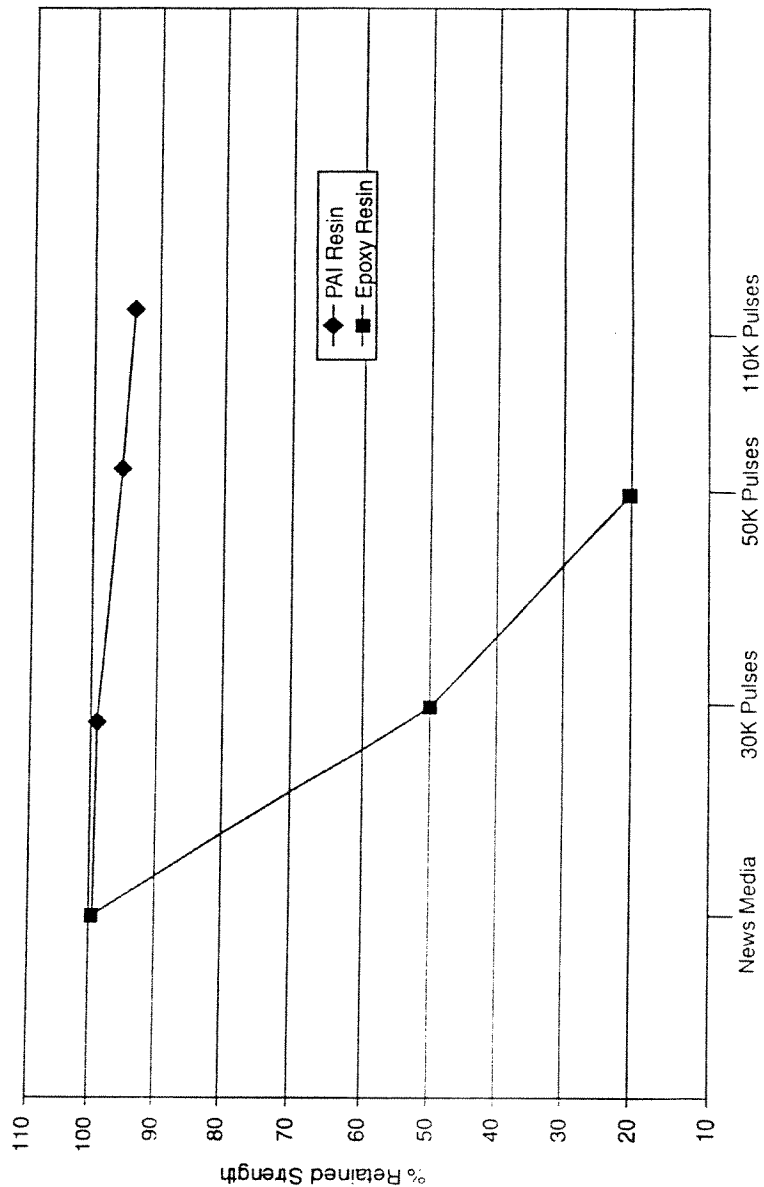
FIG. 5



FIG. 6

Fig. 7

Combined Average MD and XMD Retained Tensile Strength of PAI Resin Treated Aramid
Versus Epoxy Resin Treatment Aramid



Note Epoxy resin treated substrate experienced complete filler failure prior to 110,000 pulses

Fig. 8

